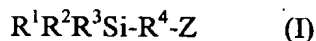


Amendments to the Claims:

The following claims will replace all prior versions of the claims in this application (in the unlikely event that no claims follow herein, the previously pending claims will remain):

1. (Currently Amended) A rubber mixture comprising solution polymerized styrene-butadiene copolymer ~~styrene/butadiene copolymers~~ and organosilanes of the general structure:

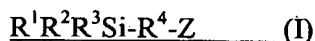


wherein R^1 = ethoxy, $R^2 = R^3$ = methyl, R^4 is a linear or branched (C_3 - C_{18}) divalent hydrocarbon group; and $Z = H$, ~~halogen~~, SCN, SH or $S_x-R^4-SiR^1R^2R^3$, where x is 2 to 10.

2. (Canceled)

3. ² (Original) Rubber mixtures according to Claim 1, comprising the organosilanes in an amount of 0.1 to 15 wt.%, based on the amount of rubber used.

4. ⁹ (Currently amended) ~~Rubber mixtures according to Claim 1~~ A rubber mixture comprising ^{a mixture of} solution polymerized styrene-butadiene copolymer, and organosilanes of the general structure:



wherein

R^1 = ethoxy, $R^2 = R^3$ = methyl, R^4 is a linear or branched (C_3 - C_{18}) divalent hydrocarbon group; and $Z = H$, SCN, SH or $S_x-R^4-SiR^1R^2R^3$, where x is 2 to 10, ~~and which comprises a mixture of organosilanepoly-sulfane and organoalkylsilane.~~ ^{an}

5. ¹⁰ (Previously presented) Rubber mixtures according to Claim ⁴, wherein the ^{organosilane} ~~organosilanepoly-sulfane~~ ^{is a silane} ~~is a silane~~ in which:

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 ~~$R^1 = \text{ethoxy}, R^2 = R^3 = \text{methyl}$~~ $R^4 = \text{propylene or isobutylene}$ and $Z = S_x - R^4 -$
 $\text{Si}R^1R^2R^3$, ~~where~~ *and* x has a statistical mean value of 2 to 4.

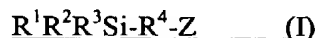
6. (Canceled)

7. ³ (Previously presented) Rubber mixtures according to Claim 1, comprising a silicic acid as filler and an organosilanepolysulfane selected from the group consisting of bis(3-{dimethylethoxysilyl}propyl)tetrasulfane and bis(3-{dimethylethoxysilyl}propyl)-disulfane.

8. ¹¹ (Currently Amended) ~~Rubber mixtures according to Claim 1,~~ A rubber mixture comprising solution polymerized styrene-butadiene copolymer and a silicic acid as filler and an organosilanepolysulfane selected from the group consisting of bis(3-{dimethylethoxysilyl}propyl)tetrasulfane and bis(3-{dimethylethoxysilyl}propyl)-disulfane, and an alkylsilane other than said organosilanepolysulfane.

9. ⁴ (Previously Presented) Process for the preparation of rubber mixture comprising at least one filler in addition to the rubber, said process comprising adding an organosilane polysulfane according to claim 1 in said rubber mixture.

10. ¹² (Currently amended) Process for the preparation of rubber mixtures which contain at least one filler in addition to the rubber, comprising adding an organosilanepolysulfane ~~according to Claim 1~~ of the general structure



wherein

$R^1 = \text{ethoxy}, R^2 = R^3 = \text{methyl}, R^4$ is a linear or branched (C_3-C_{18}) divalent hydrocarbon group; and $Z = S_x - R^4 - \text{Si}R^1R^2R^3$, where x is 2 to 10,

and an organoalkylsilane.

11. ⁵ (Original) A molding obtained from a rubber mixture according to Claim 1.

12. ⁶ (Previously Presented) A pneumatic tire comprising the molding according to claim

11. ⁵

~~13.~~⁷ (Previously Presented) A tire tread comprising the molding according to claim ~~11.~~⁵

~~14.~~⁸ (Currently amended) A method for using rubber mixtures according to Claim 1 for the production of moldings, comprising adding ~~the said~~ rubber mixture ~~of Claim 1~~ to a molding composition, and molding the molding composition in a mold for tires or tire treads.

~~15.~~¹³ (Previously presented) A rubber mixture comprising solution ^{polymerized} styrene-butadiene copolymers and an organosilane of formula (I):



wherein R^1 = ethoxy, $R^2 = R^3$ = methyl, R^4 is a linear or branched (C_3-C_{18}) divalent hydrocarbon group; and $Z = H$, halogen, SCN, SH or $S_x-R^4-SiR^1R^2R^3$, where x is 2 to 10; and

wherein the organosilane is mixed with the rubber in unsupported form or supported on a carrier selected from the group consisting of silicic acids, natural silicates, synthetic silicates, aluminum oxide, and carbon black.

~~16.~~¹⁴ (Previously Presented) Rubber mixture according to claim ~~15.~~¹³ wherein the organosilane is

bis(3-{dimethylethoxysilyl}propyl)tetrasulfane or bis(3-{dimethylethoxysilyl}propyl)-disulfane.

~~17.~~¹⁵ (Previously Presented) Rubber mixture according to claim ~~16.~~¹⁴ further comprising an alkylsilane other than said organosilane.

~~18.~~¹⁶ (Previously Presented) A molding obtained from the rubber mixture of claim ~~15.~~¹³

~~19.~~¹⁷ (Previously Presented) A pneumatic tire comprising a molding according to claim ~~18.~~¹⁶

~~20.~~¹⁸ (Previously Presented) A tire tread comprising a molding according to claim ~~18.~~¹⁶

21. (Canceled)

22. (Canceled)